VRP [illegible]

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HUAWEI

[illegible]

[illegible] VRP [illegible] Versatile Routing Platform [illegible] IP [illegible]

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[illegible]

[illegible]

- [illegible] VRP [illegible]
- [illegible] VRP [illegible]
- [illegible]

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[illegible]

1. **VRP [illegible]**
2. [illegible]
3. VRP [illegible]
4. [illegible]

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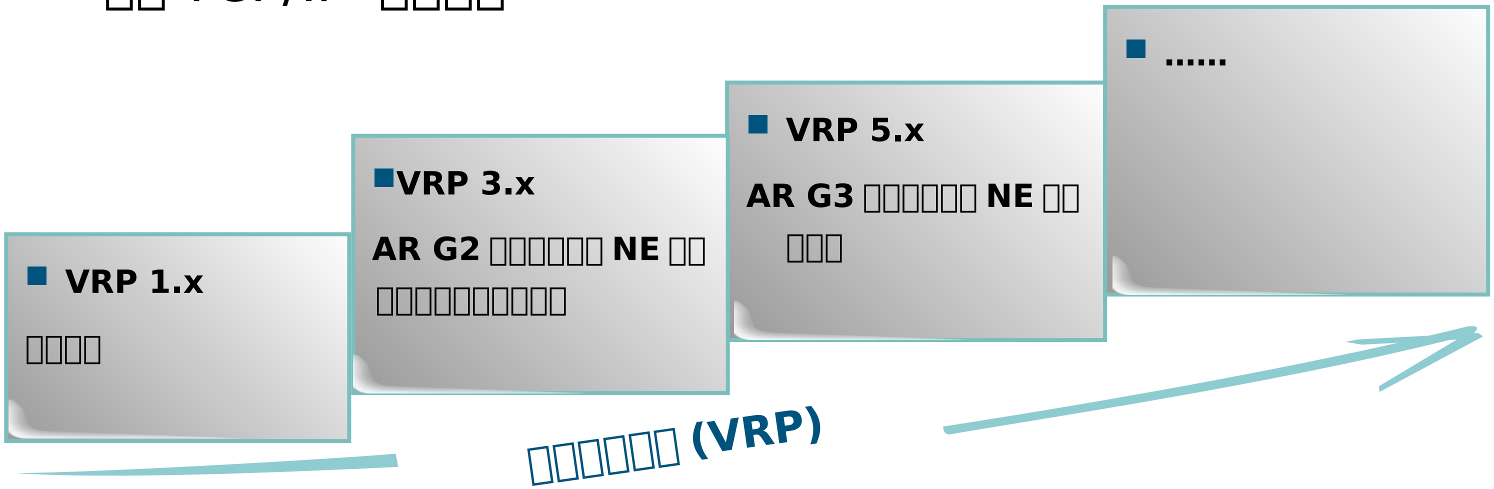
VRP □□

VRP: Versatile Routing Platform □□□□□□□

- □□□□□□
- □□□□□□□□□□□
- □□ TCP/IP □□□□



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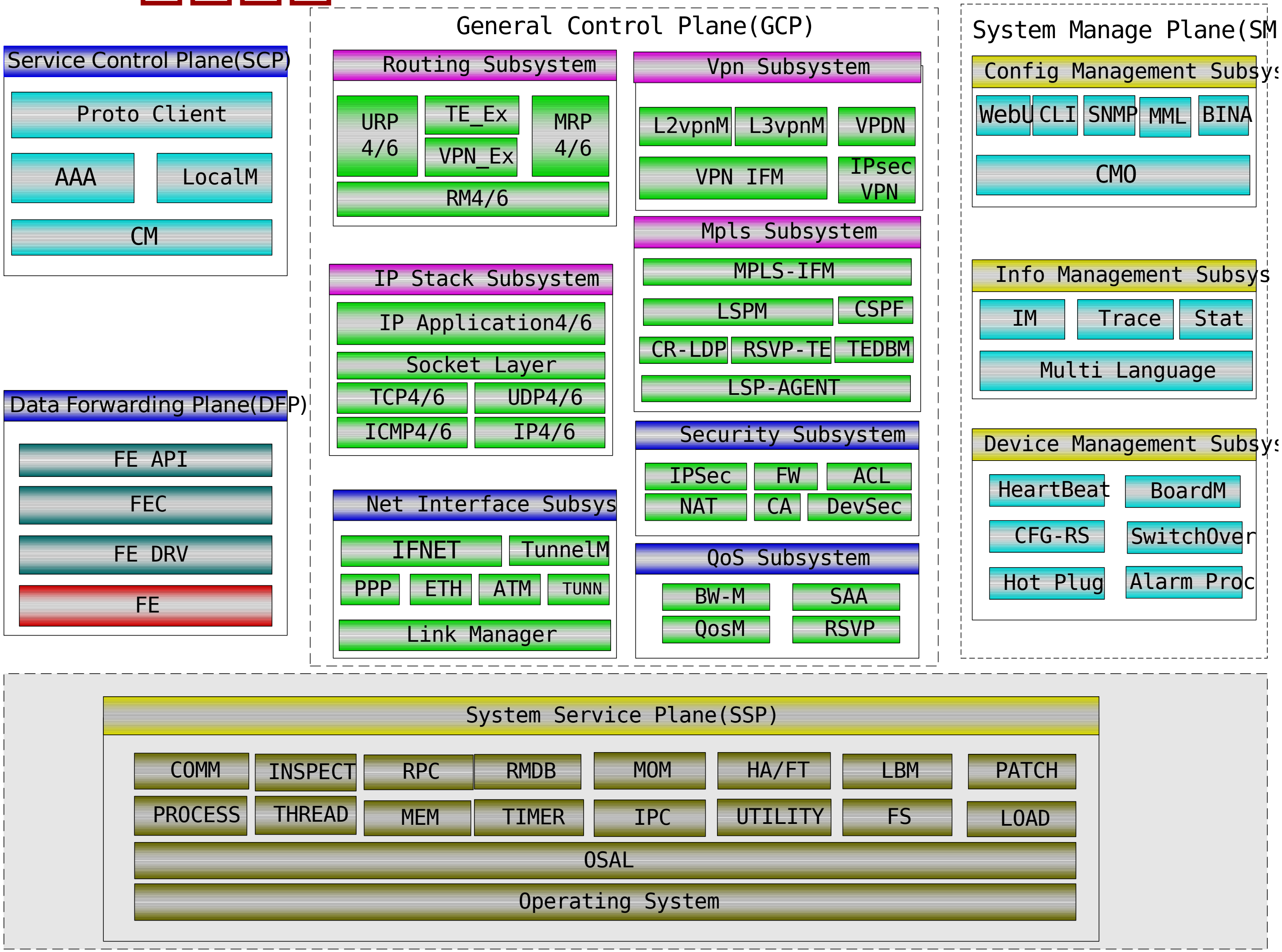
VRP □□□□



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□ □

1. VRP □□
2. **□□□□□□□**
3. VRP □□□□□
4. □□□□

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□□□□□□

□□ Console □□□

□□ Telnet □□□□

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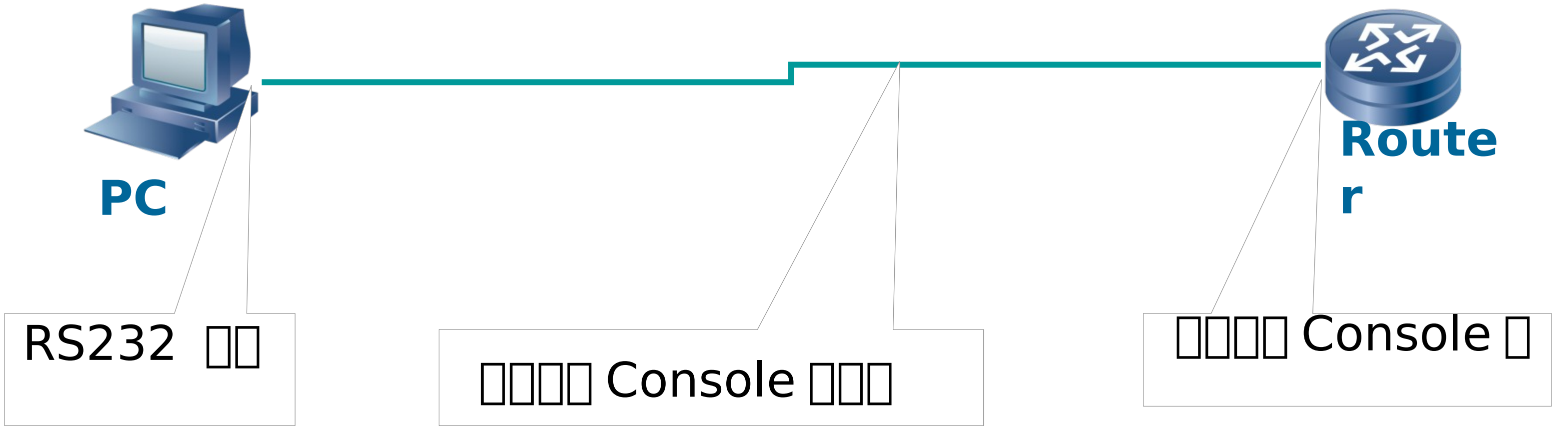
Console [illegible]



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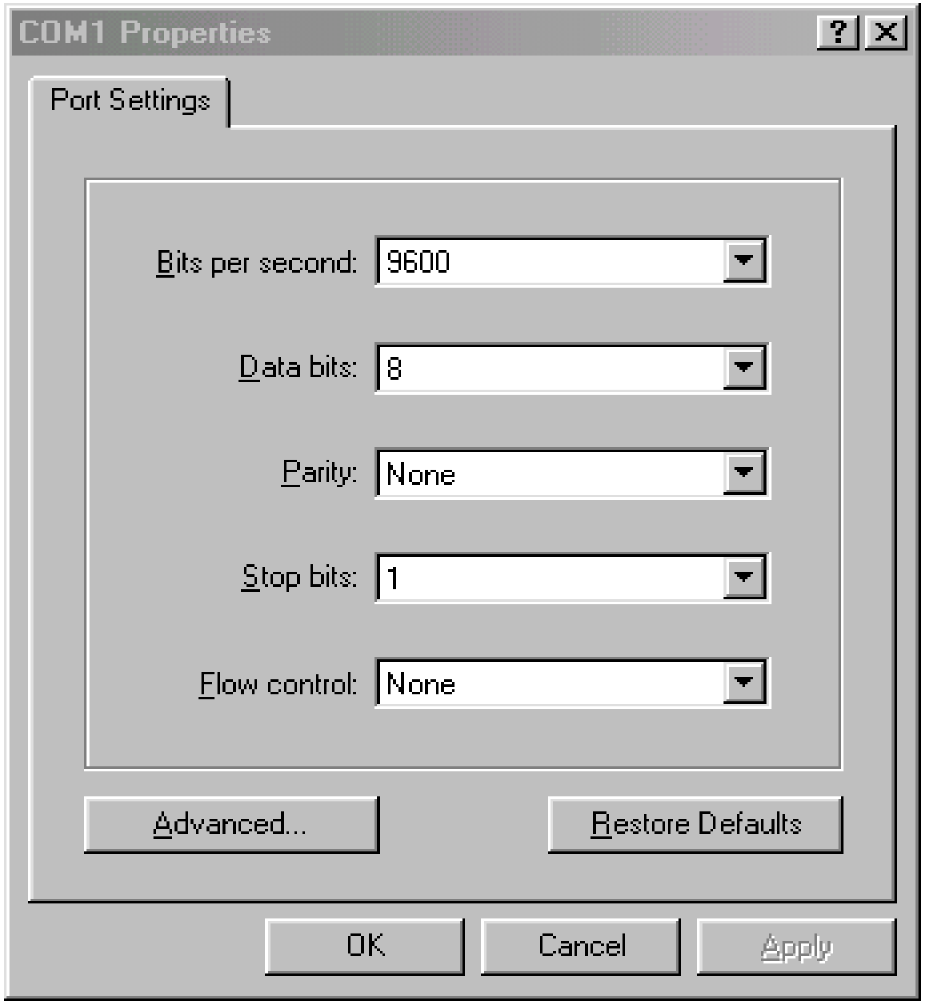
Console [illegible]



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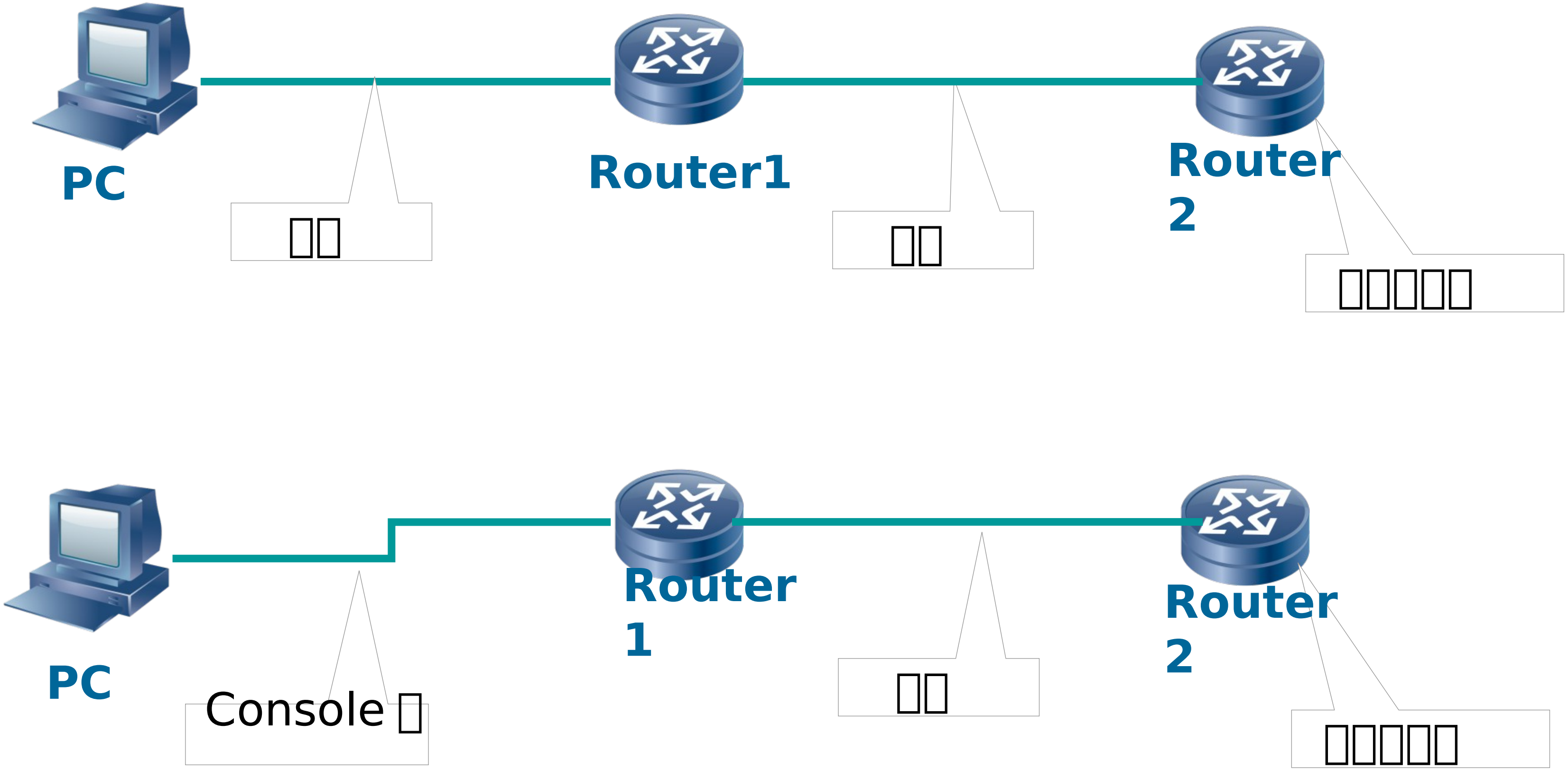
Telnet [illegible]



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Telnet

```
[Huawei]interface Ethernet 0/0
[Huawei-Ethernet0/0]ip address 1.1.1.4 255.0.0.0
[Huawei]User-interface vty 0 4
[Huawei-ui-vty0-4]authentication-mode password
[Huawei-ui-vty0-4]set authentication password simple Huawei
[Huawei-ui-vty0-4]user privilege level 3
```

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1. VRP □□
2. □□□□□□□
3. **VRP □□□□□**
4. □□□□

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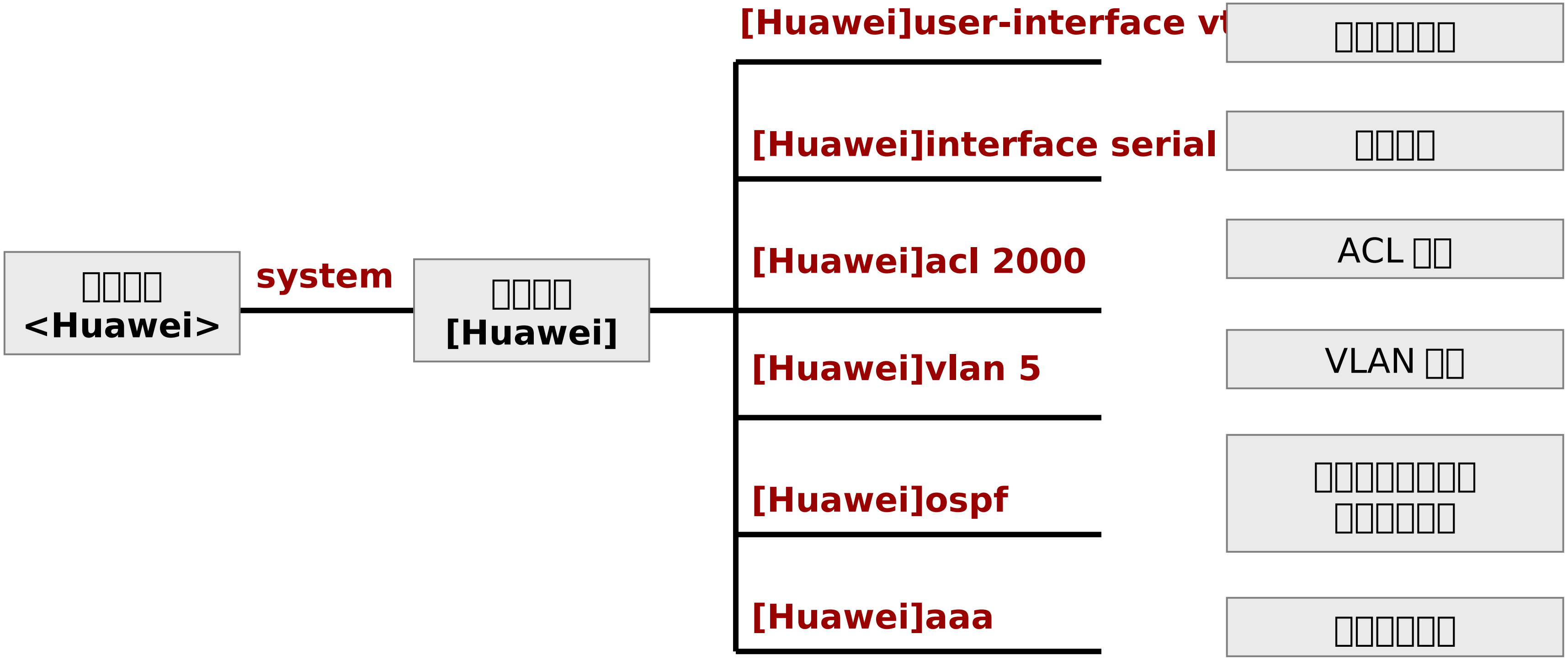

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[illegible]

[illegible]	[illegible]
[illegible]	**system-view**
[illegible]	**quit**
[illegible]	**return**

```
<Huawei>system-view
Enter system view, return user view with Ctrl+Z.
[Huawei]
[Huawei]interface Serial 0/0/0
[Huawei-Serial0/0/0]quit
[Huawei]quit
<Huawei>
```

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[illegible]

[illegible]：

- [illegible]
- [illegible]

[illegible]

- [illegible]
  - <Huawei> ?
  - <Huawei> display ?
  - [Huawei] interface ethernet ?
- [illegible]
  - <Huawei> d?
  - <Huawei> display h?

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[illegible]

[illegible]	[illegible]
display history-command	[illegible]
[illegible] <Ctrl+P>	[illegible]
[illegible] <Ctrl+N>	[illegible]

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[illegible]

[illegible]	[illegible]
[illegible]	**sysname**

```
<Huawei>system-view
Enter system view, return user view with Ctrl+Z.
[Huawei]
[Huawei]sysname Router1
[Router1]
```

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[illegible]

[illegible]	[illegible]
[illegible] UTC [illegible]	**clock datetime**
[illegible]	**clock timezone**

```
<Huawei>clock datetime 10:19:30 2006-12-12
<Huawei>
<Huawei>display clock
2006-12-12 10:19:50
Tuesday
Time Zone(Default Zone Name) : UTC+00:00
<Huawei>
```

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[illegible]

[illegible]	[illegible]
[illegible]	**display version**
[illegible]	**display users**
[illegible]	**display this**
[illegible]	**display diagnostic-information**

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[illegible]

[illegible]	[illegible]
[illegible]	**more**
[illegible]	**copy**
[illegible]	**move**
[illegible]	**rename**
[illegible]	**delete**
[illegible]	**reset recycle-bin**
[illegible]	**undelete**

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[illegible]

[illegible]	[illegible]
[illegible]	**pwd**
[illegible]	**cd**
[illegible]	**dir**
[illegible]	**mkdir**
[illegible]	**rmdir**

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[illegible]

[illegible]	[illegible]
[illegible]	**format**
[illegible]	**fixdisk**

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[illegible]

[illegible]	[illegible]
[illegible]	**display saved-configuration**
[illegible]	**display current-configuration**
[illegible]	**save**
[illegible]	**reset saved-configuration**
[illegible]	**compare configuration**

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FTP□File Transfer Protocol □□□□□□□TCP□

- VRP□□□□FTP Server□FTP Client

TFTP□Trivial File Transfer Protocol□□□□□□□ □□UDP□

- VRP□□□□TFTP Client

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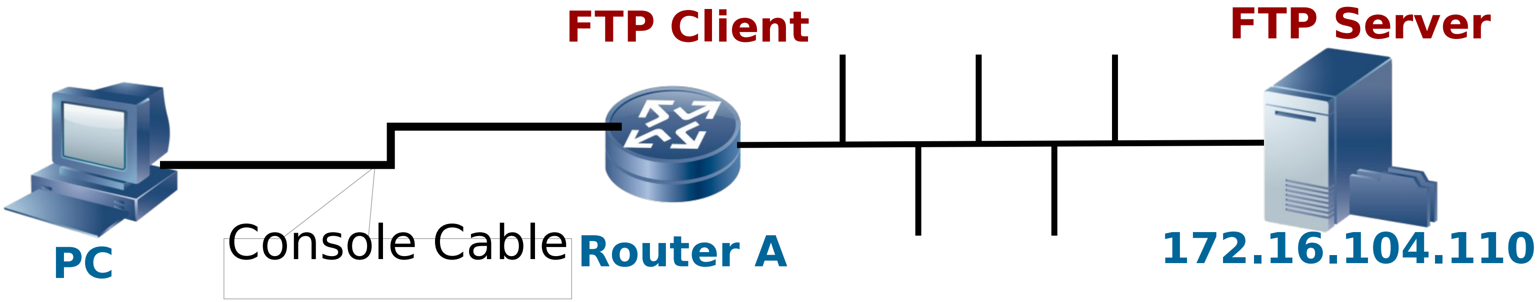
□□□□□ FTP Client □□□□□□




```
<Router> ftp 172.16.104.110
Trying 172.16.104.110 ...
Connected to 172.16.104.110.
……
User(172.16.104.110:(none)):huawei
331 Give me your password, please
Password:
230 Logged in successfully
……
[ftp] get vrp.cc
……
150 "D:\system\vrp.cc" file ready to send (5805100 bytes) in IMAGE/Binary mode
226 Transfer finished successfully.
FTP: 5805100 byte(s) received in 19.898 second(s) 291.74Kbyte(s)/sec.
```

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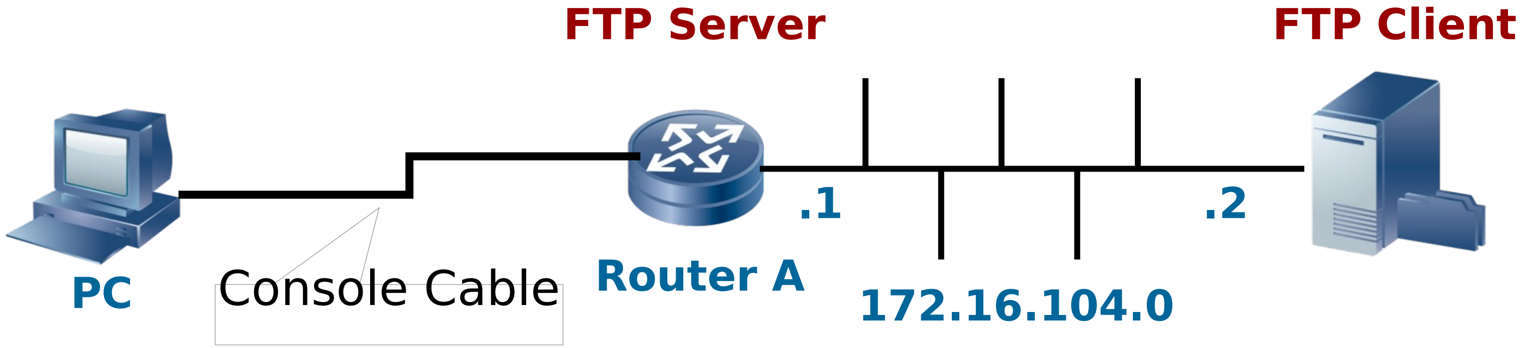
□□□□□ FTP Sever □□□□□□




```
[Huawei]ftp server enable
[Huawei]aaa
[Huawei-aaa] local-user huawei service-type ftp
[Huawei-aaa] local-user huawei password simple huawei
[Huawei-aaa] local-user huawei ftp-directory flash:/ftp/huawei
```

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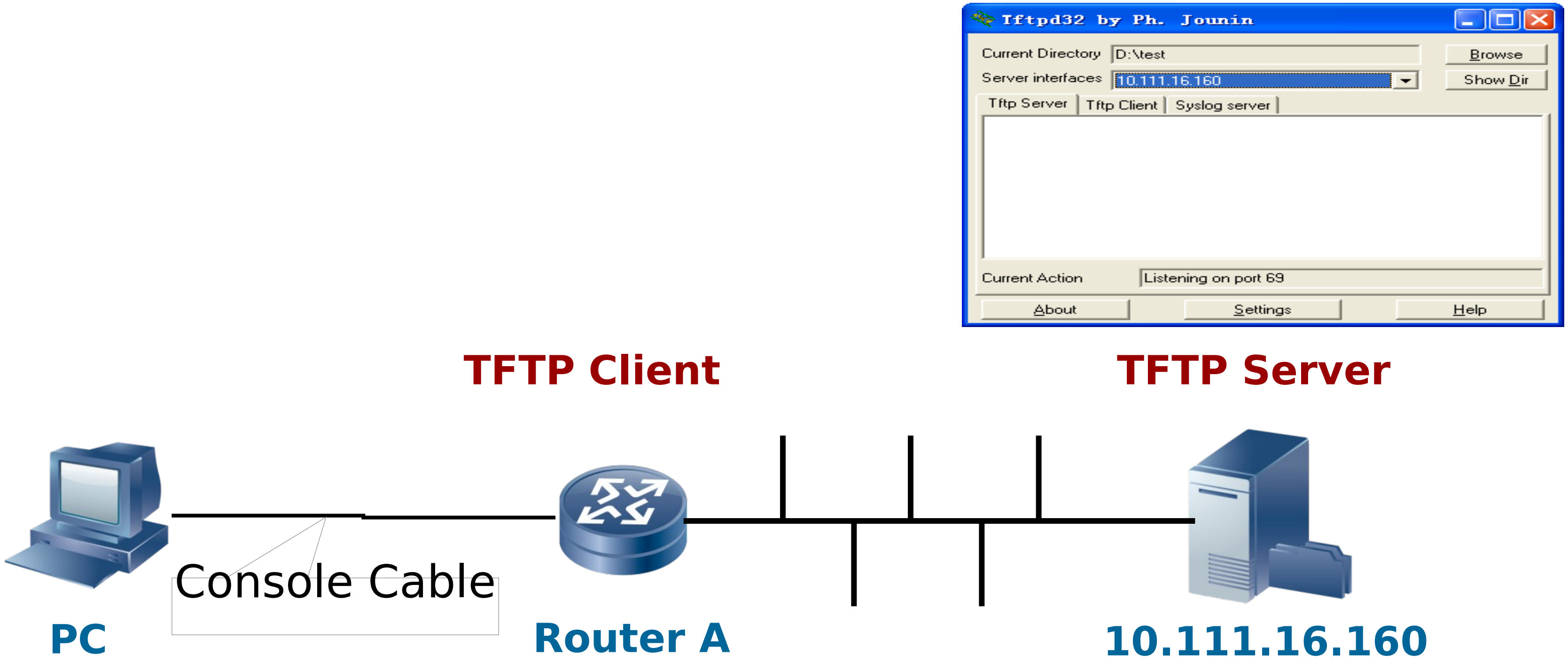
□□□□ TFTP Server □□□□□□




```
<Huawei>  tftp 10.111.16.160 get vrp.cc cfcard:/vrp.cc
```

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2. [illegible]
3. VRP [illegible]
4. **[illegible]**

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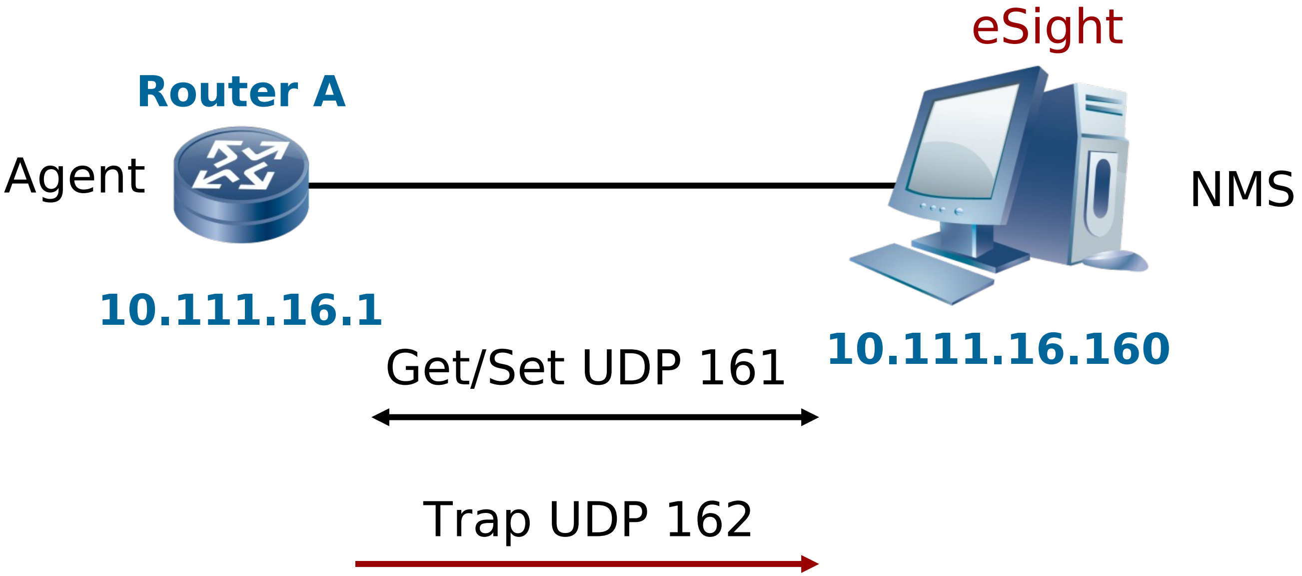
SNMP □□

□□ UDP □□□□□□□ 161 □ 162 □□

SNMP □□ NMS □ Agent □□□□□□□□□□□□□



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SNMP □□□□

```
[Huawei]snmp-agent
[Huawei]snmp-agent sys-info version v3
[Huawei]snmp-agent community read public
[Huawei]snmp-agent community write private
[Huawei]snmp-agent trap enable
[Huawei]snmp-agent target-host udp-domain 10.111.16.160 udp-port
5000 params securityname public
```

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[illegible]

[illegible] Console [illegible]？

VRP [illegible]

[illegible] Telnet [illegible]

VRP [illegible]？

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[illegible]

[illegible] (learning.huawei.com [illegible]

- **1 [illegible] E-learning [illegible]**
  - [illegible] **E-Learning** [illegible]
  - [illegible]“[illegible]”[illegible]“ email [illegible]”[illegible] *Learning@huawei.com* *[illegible]*
- **2 [illegible]**
  - [illegible] **+** [illegible]
  - [illegible]“[illegible] / [illegible]”[illegible]
- **3 [illegible] (LVC) [illegible]**
  - [illegible] UC&C [illegible]
  - [illegible] *http://support.huawei.com/ecommunity/bbs/10154479.html*
- **4 [illegible] eNSP**
  - eNSP (Enterprise Network Simulation Platform), [illegible]
- [illegible], [illegible] [illegible] http://support.huawei.com/ecommunity/bbs/list_2247.html [illegible]

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